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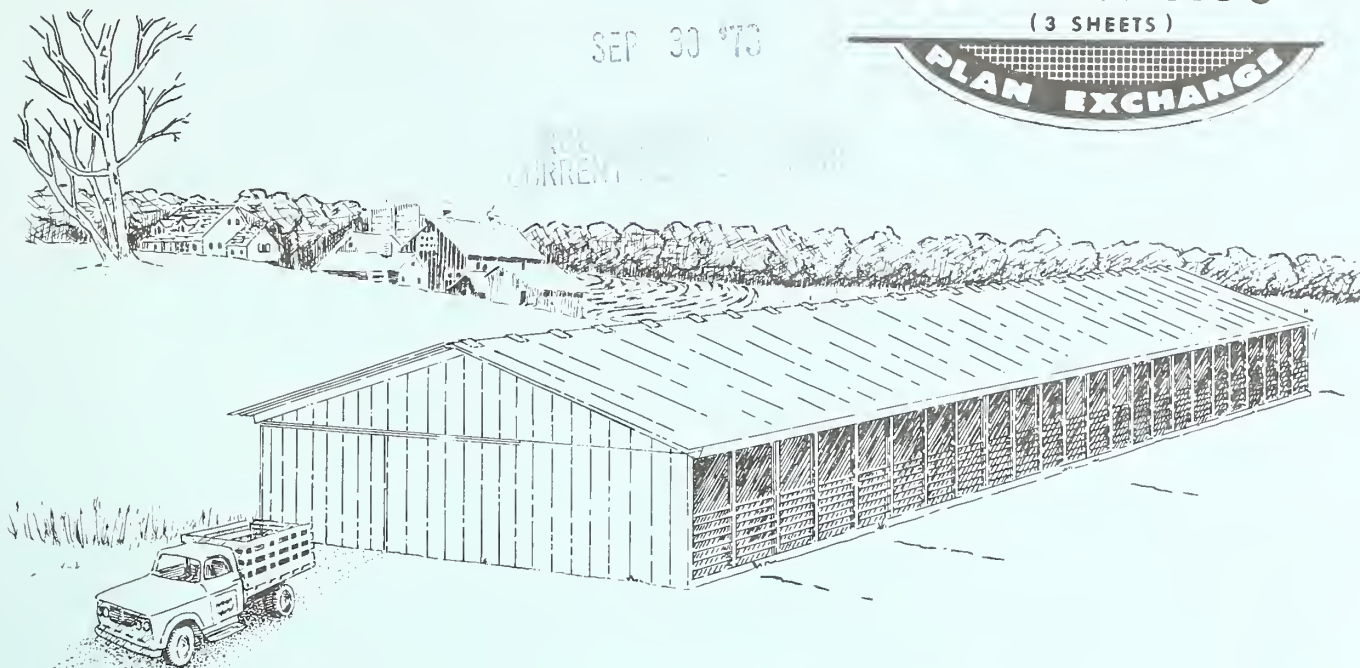
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CONFINEMENT BEEF BARN

GABLE ROOF



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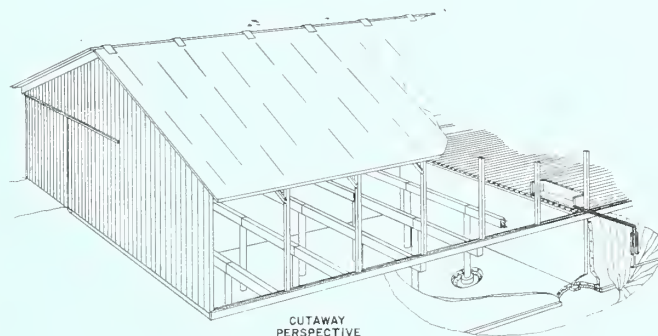
This confinement beef barn was designed by an agricultural engineer at the University of Illinois. This open-front confinement unit provides ventilation through adjustable doors on the north side of the building and through a continuous air vent at the ridge of the roof.

Construction is pole-type, using 6- by 6-inch-pressure-treated posts supporting heavy trusses 8' 0" on center.

This barn represents the most common layout in which feed is delivered by wagon or truck. The driveway under roof, adjacent to the north side of the building, doubles as a cattle-moving lane. Feed in the bunk is completely sheltered, and the bunk does not restrict air flow through the barn.

The use of slotted floors in this structure will save on bedding. Most farmers will use one-third to one-half ton of bedding per year per animal. Some farmers reported the savings on bedding would pay for slotted floors and the concrete collection tank in 4 to 5 years. This estimate is based on actual construction costs of several barns in Illinois.

The savings in site development can be considerable. Confinement barns provide one-fourth to one-twentieth animal space provided in other systems. The dollar value that one places on these factors depends on each individual farm situation.



Complete working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

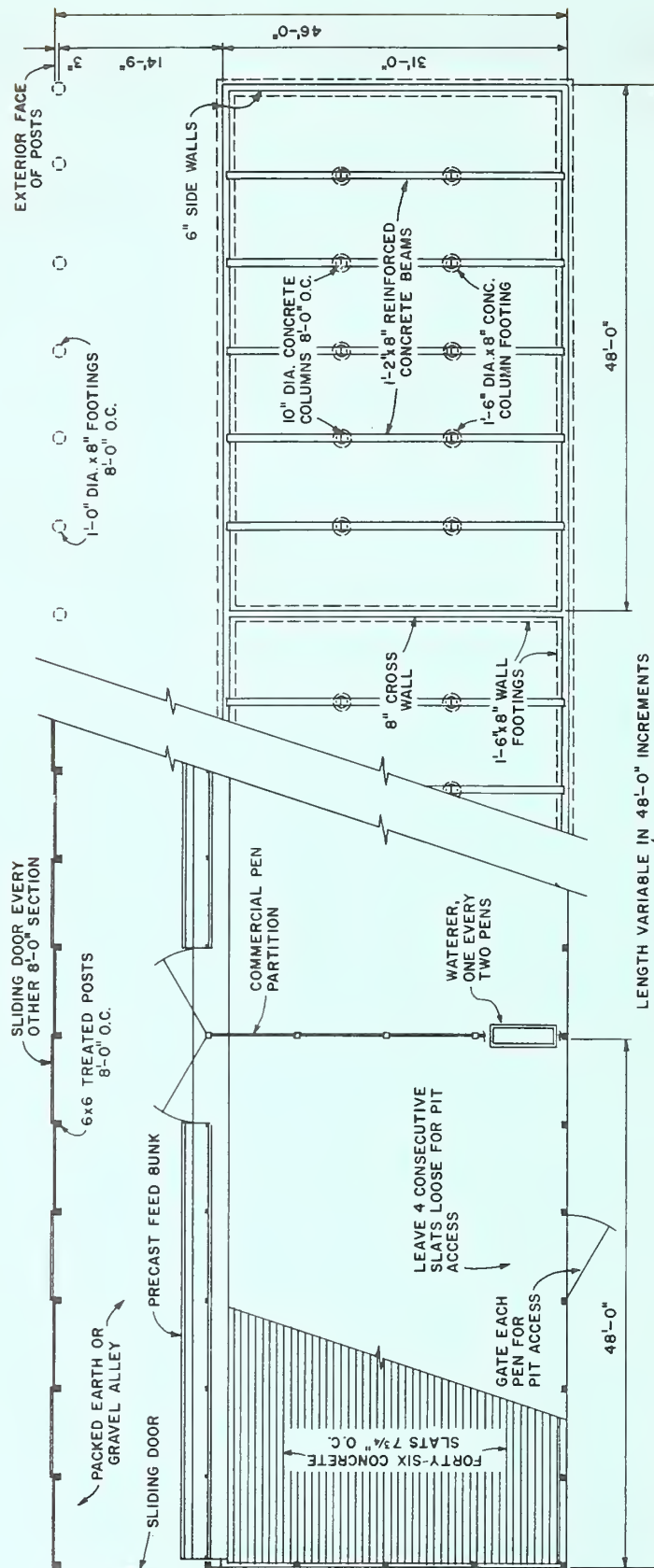
If you do not know the location of your State university, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university. ORDER PLAN NO. 6160, CONFINEMENT BEEF BARN—Gable Roof.

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FLOOR AND FOUNDATION PLAN

